

Law and Logic Summer School 2024

1 – 6 July 2024

Programme

DAY 1 – Monday, 1 July

Session	Start time	End time	Professors	Subject
	8:30	9:00		Registration
1.1.1.	9:00	10:30	Scott Brewer	Introduction: Perceptions of cooperation and clash of logic and law – opening thoughts about the utilities of logic for law – Basic definitions and methods of the Logocratic Method
1.1.2.	11:00	12:30	Giovanni Sartor	Logic and Argumentation
1.2.1.	14:00	15:30	Juliano Maranhão	Introduction to propositional logic: Part 1
1.2.2.	16:00	17:30	Juliano Maranhão	Introduction to propositional logic: Part 2

DAY 2 – Tuesday, 2 July

Session	Start time	End time	Professors	Subject
2.1.1.	9:00	10:30	Juliano Maranhão	Review of basic concepts and exercises on propositional logic: Part 1
2.1.2.	11:00	12:30	Juliano Maranhão	Review of basic concepts and exercises on propositional logic: Part 2
2.2.1.	14:00	15:30	Scott Brewer	Representing legal rules and legal arguments in propositional logic (common law)
2.2.2.	16:00	17:30	Matthias Armgardt	Representing legal rules and legal arguments in propositional logic (civil law)

DAY 3 – Wednesday, 3 July

Session	Start time	End time	Professors	Subject
3.1.1.	9:00	10:30	Nino Rotolo	From propositional to predicate logic: grammar and basic structure
3.1.2.	11:00	12:30	Nino Rotolo	From propositional to predicate logic: semantics and relations
3.2.1.	14:00	15:30	Nino Rotolo	Modelling the law in predicate logic
3.2.2.	16:00	17:30	Nino Rotolo	Revision of basic concepts and exercises on predicate logic

DAY 4 – Thursday, 4 July

Session	Start time	End time	Professors	Subject
4.1.1.	9:00	10:30	Giovanni Sartor	Argumentation and argument schemes
4.1.2.	11:00	12:30	Giovanni Sartor	Formalising argumentation / Burdens of proof and presumptions

4.1.3.	14:00	15:30	Giovanni Sartor and Emiliano Lorini	Deontic logic: Part 1
4.1.4.	16:00	17:30	Rūta Liepiņa	Deontic logic: Part 2

DAY 5 – Friday, 5 July

Session	Start time	End time	Professors	Subject
5.1.1.	9:00	10:30	Scott Brewer	Case-based reasoning (analogy): Part 1
5.1.2.	11:00	12:30	Scott Brewer	Case-based reasoning (analogy): Part 2
5.2.1.	14:00	15:30	Ilaria Canavotto	Case-based reasoning (factors and dimensions): Part 1
5.2.2.	16:00	17:30	Ilaria Canavotto	Case-based reasoning (factors and dimensions): Part 2

DAY 6 – Saturday, 6 July

Session	Start time	End time	Professors	Subject
6.1.1.	9:00	10:30	Scott Brewer	Induction: generalisation and specification
6.1.2.	11:00	12:30	Scott Brewer	Inference to the best explanation / Abduction
6.2.1.	14:00	15:30	Closing session: Presentation of Certificates of Attendance	